



POI-0022-COM — ATM High Performance Terrestrial Data Link

The implementation of LDACS will provide A/G Datalink capabilities supporting ATC and AOC as well as voice services over continental airspace, based on ATN/IPS networks, either in stand-alone or Multilink environments. The implementation of LDACS will provide high capacity datalink capabilities meeting ATS-B2 (and beyond, B3) performance requirements (latency, availability, continuity and integrity) and secure communication.

Rationale There is a need to improve datalink performance in terms of throughput, latency, availability, continuity and integrity with the introduction of a new Datalink in L-band.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2028

Full benefits date (FOC) 31-12-2032

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

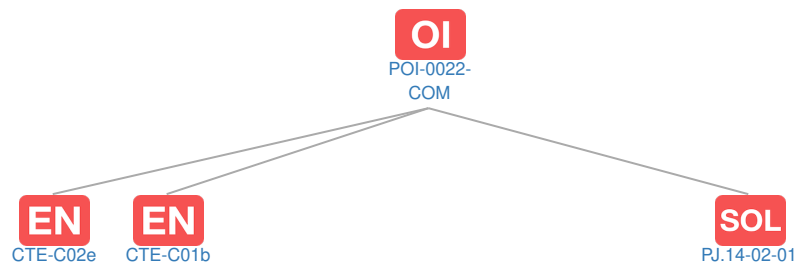
Scope -

Release -

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																																					
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40												
POI-0022-COM																																						
CTE-C02e								▲																														
CTE-C01b								▲					V4		V5		IOC - FOC																					

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.14-02-01	FCI Terrestrial Data Link	SESAR 2020 Wave 1	<div style="display: flex; gap: 5px;"> <div>SOL</div> <div>PJ</div> <div>OI</div> <div>DS</div> </div> <div style="margin-top: 5px;"> <div>EOC</div> </div>

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data